SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	CTV	Bulletin No. :	99-CTV-E0003
Model :	S15A (Non-TTX Micom)	Bulletin Date :	Jan . 25 , 1999
Buyer :		ECN Date :	Jan . 20 , 1999

SUBJECT : S15A , Countermeasures for ' OSD Jittering'

Background :

(Symptom) OSD Jittering' phenomenon has been found on S15A chassis at zoom, normal and 16:9 m

Cause :

It is caused by oscillation of the vertical Sync circuit.

Solution :

In order to prevent the 'OSD Jittering' phenomenon, we have modified the circuit as belows.

Application Date : Jan . 18 , 1999

(Interchangeability Code : * I.C)

Location No.	OLD (before) Parts		NEW (changed) Parts		* I.C
	SEC Code	Description	SEC Code	Description	
DZ902	0403-000296	MTZ5.6B, 5.6V	Delete	-	F
C916	2301-000192	C-Poly 50V 102	2301-000264	C-Poly 50V 472	D

Type	A type	B type	C type	D type	E type	F type
Interchange Type Code (* I.C)	OLD (Parts) → Early (Prod.) NEW → Late	OLD (Parts) → Early (Prod.) NEW → Late	OLD (Parts) → Early (Prod.) NEW → Late	OLD (Parts) → Early (Prod.) NEW → Late	Addition (None → New)	deletion (Old → Del.)

Application Reference ( ) Only Defected sets ( ) Whole sets (O)

Attachment Schematic Diagram ( ) Component Lay-out ( ) Exploded View ( )
Mechanical Diagram ( ) None (0) Others ( )

Product Month : Jan . 18 , 1999 Serial No. (~ from)

Published by H. C. Kim / A. Manager of TV Div. Service (Tel. no. : 82-331-200-5332)

¡á Distribution List and Remarks

* 99-CTV-E0003

No.	Subsidiary Distributor	Country	Applicable Models or Remark
1	SAVINA	Vietnam	
2	SIEL	India	All Non-TTX Models of S15A Chassis
3	TSE	Thai	
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SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	TV	Bulletin No. :	99-CTV-E0008
Model :	CT3366BZ	Bulletin Date :	April . 19 , 1999
Buyer :	SAMEX,SEA,SECA,SEPA,SEM etc.	ECN Date :	April . 19 , 1999

SUBJECT : K15A, Micom Reset Circuit Changed

Background :

(Symptom) A function of Auto On repeats two and three times on power.

Cause :

It is caused by Micom reset parts sensitivity.

Solution :

R&D Dept. has modified the circuitry on K15A

Application Date : Feb . 11 , 1999

(Interchangeability Code : * I.C)

Location No.	OLD (before) Parts		NEW (changed) Parts		* I.C
	SEC Code	Description	SEC Code	Description	
C910	-	-	2201-000558	C-Ceramic 50V 471	E

Type	A type	B type	C type	D type	E type	F type
Interchange Type Code (* I.C)	OLD → Early (Parts) (Prod.) NEW → Late	OLD → Early (Parts) (Prod.) NEW → Late	OLD → Early (Parts) (Prod.) NEW → Late	OLD → Early (Parts) (Prod.) NEW → Late	Addition (None ¡æ New)	deletion (Old ¡æ Del.)

Application Reference (O) Only Defected sets ( ) Whole sets ( )

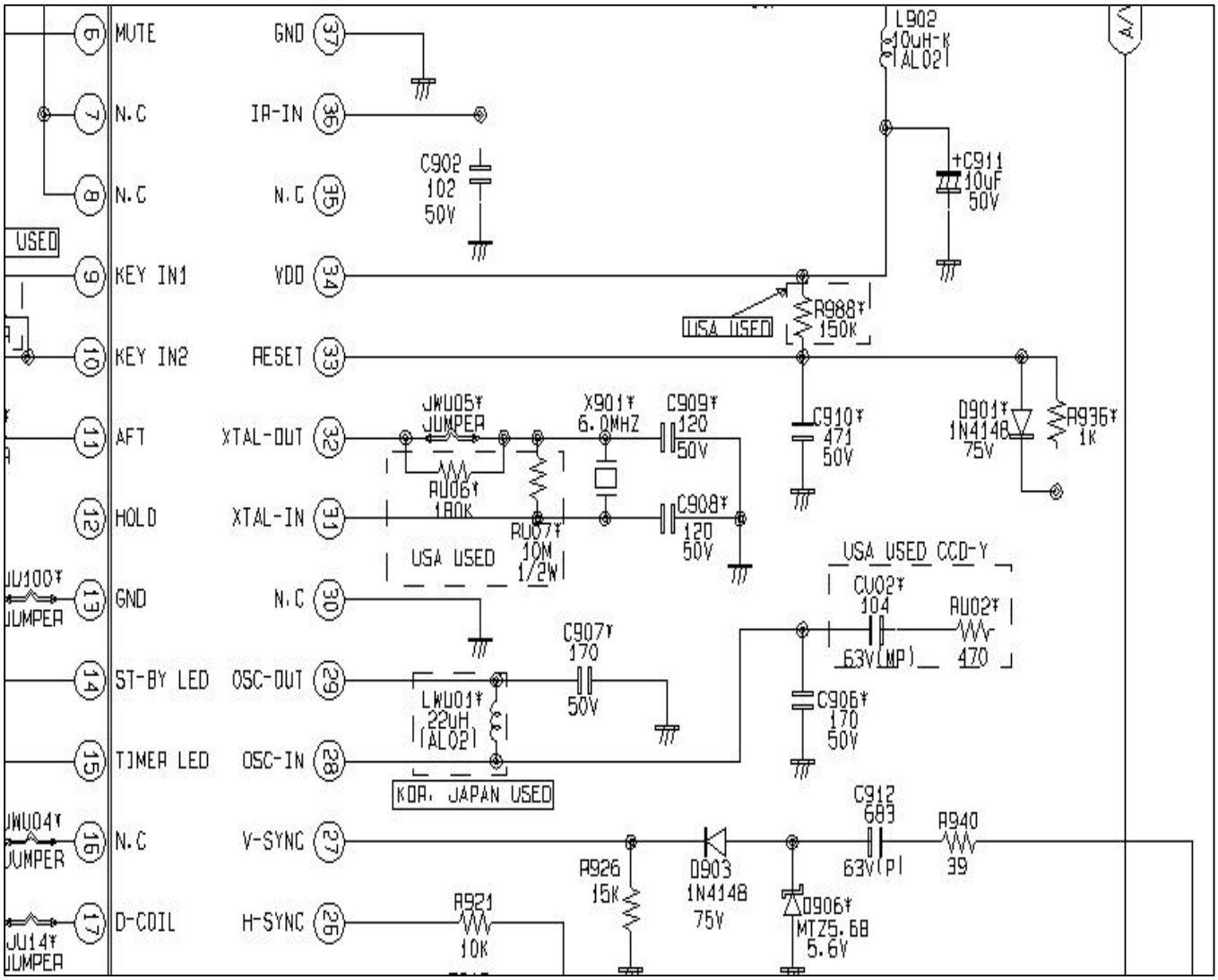
Attachment Schematic Diagram (O) Component Lay-out ( ) Exploded View ( )
Mechanical Diagram ( ) None ( ) Others ( )

Product Month : April . 19 , 1999 Serial No. (~ from)

Published by H. C. Kim / A. Manager of TV Div. Service (Tel. no. : 82-331-200-5332)

¡á *Additional Information* 99-CTV-E0008

* How to put the parts soldering at Bottom PCB



¡á Distribution List and Remarks

99-CTV-E0008

No.	Subsidiary Distributor	Country	Applicable Models or Remark
1	SAMEX	U.S.A	
2	SEA	U.S.A	K15A All Model Applied
3	SECA	Canada	
4	SEM	Mexico	
5	SEPA	Panama	
6	SEASA	Argentina	
7	RCL	Chile	
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SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	TV	Bulletin No. :	99-CTV-E0009
Model :	K15A	Bulletin Date :	May . 3 , 1999
Buyer :	SAMEX, SEA, SECA, SEASA etc.	ECN Date :	May . 3 , 1999

SUBJECT : K15A, Chroma IC Changed

Background :

(Symptom) Chroma IC , KA2163B for K15A chassis has been changed to TA1282N since May. 3, 1999.

Cause :

Chroma IC , KA2163B had been droped on manufacturing by Samsung Electronics

Solution :

All K15A models are applied to Chroma IC ' TA1282N' .

Application Date : May . 1 , 1999

(Interchangeability Code : * I.C)

Location No.	OLD (before) Parts		NEW (changed) Parts		* I.C
	SEC Code	Description	SEC Code	Description	
IC201	1204-001296	KA2168B	1204-001259	TA1282N	D

Type	A type	B type	C type	D type	E type	F type
Interchange Type Code (* I.C)	OLD → Early (Parts / Prod.) NEW → Late	OLD → Early (Parts / Prod.) NEW → Late	OLD → Early (Parts / Prod.) NEW → Late	OLD → Early (Parts / Prod.) NEW → Late	Addition (None ¡æ New	deletion (Old ¡æ Del.)

Application	Reference (O)	Only Defected sets ( )	Whole sets ( )
Attachment	Schematic Diagram ( )	Component Lay-out ( )	Exploded View ( )
	Mechanical Diagram ( )	None (0)	Others ( )
Product Month :	May . 3 , 1999	Serial No. (~ from)	

Published by H. C. Kim / A. Manager of TV Div. Service (Tel. no. : 82-331-200-5332)

¡á *Distribution List and Remarks*

99-CTV-E0009

No.	Subsidiary Distributor	Country	Applicable Models or Remark
1	SEA	U.S.A	All K15A Models
2	SEMAX	Mexico	
3	SECA	Canada	
4	SEASA	Argentina	
5	SEM	Mexico	
6	RCL	Chile	
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SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	TV	Bulletin No. :	99-CTV-E0010
Model :	S15A, Line Stereo Model	Bulletin Date :	May . 7 , 1999
Buyer :	SAVINA, SIEL, TSE	ECN Date :	May . 7 , 1999

SUBJECT : S15A, Countermeasure on ' TDA9859 IC Out '

Background :

(Symptom) It is occured 'TDA9859 IC Out' failure on S15A Chassis, line stereo model.

Cause :

It is caused by discharging between 6P-RCA Jack screw and signal pin of audio input terminal

Solution :

Added in ' MTZ 9, 1B Zener Diode ' at TDA9859 IC Pin #7, #26 separately.

Application Date : May . 7 , 1999

(Interchangeability Code : * I.C)

Location No.	OLD (before) Parts		NEW (changed) Parts		* I.C
	SEC Code	Description	SEC Code	Description	
-	-	-	0403-000563	MTZ 9, 1B Zener Diode	E

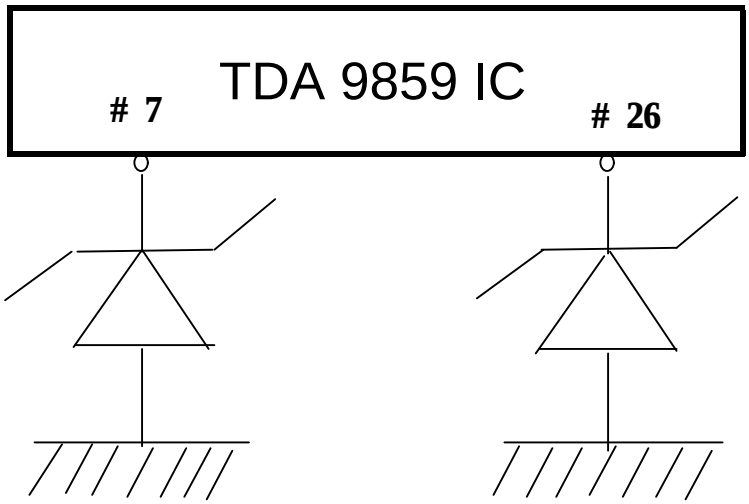
Type	A type	B type	C type	D type	E type	F type
Interchange Type Code (* I.C)	OLD (Parts) NEW / Early (Prod.) Late	OLD (Parts) NEW / Early (Prod.) Late	OLD (Parts) NEW / Early (Prod.) Late	OLD (Parts) NEW / Early (Prod.) Late	Addition (None ¡æ New)	deletion (Old ¡æ Del.)

Application	Reference (O)	Only Defected sets ( )	Whole sets ( )
Attachment	Schematic Diagram (O)	Component Lay-out ( )	Exploded View ( )
	Mechanical Diagram ( )	None ( )	Others ( )
Product Month :	May . 7 , 1999	Serial No. (~ from)	

Published by H. C. Kim / A. Manager of TV Div. Service (Tel. no. : 82-331-200-5332)

¡á *Additional Information* *99-CTV-E0010*

* How to put the parts soldering at Bottom PCB



¡á Distribution List and Remarks

No.	Subsidiary Distributor	Country	Applicable Models or Remark
1	SAVINA	Vietnam	
2	SIEL	India	S15A Chassis , Line Stereo Model
3	TSE	Thai	
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SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	TV	Bulletin No. :	99-CTV-E0011
Model :	K15A	Bulletin Date :	May . 11 , 1999
Buyer :	SAMEX, SEA, SECA, SEASA etc.	ECN Date :	May . 11 , 1999

SUBJECT : K15A , Rod - Antena Changed

Background :

(Symptom)

Cause :

V E (Value Engineering) - Reducing the unit cost

Solution :

Rod - Antena modified the matrials as belows :

Application Date : May . 11 , 1999

(Interchangeability Code : * I.C)

Location No.	OLD (before) Parts		NEW (changed) Parts		*
	SEC Code	Description	SEC Code	Description	I.C
	AA42-10001V	2 Pole	AA42-0001A	1 Pole	D

Type	A type	B type	C type	D type	E type	F type
Interchange Type Code (* I.C)	OLD → Early (Parts)(Prod.) NEW → Late	OLD → Early (Parts)(Prod.) NEW → Late	OLD → Early (Parts)(Prod.) NEW → Late	OLD → Early (Parts)(Prod.) NEW → Late	Addition (None ¡æ New	deletion (Old ¡æ Del.)

Application	Reference (O)	Only Defected sets ( )	Whole sets ( )
Attachment	Schematic Diagram ( )	Component Lay-out ( )	Exploded View ( )
	Mechanical Diagram ( )	None (0)	Others ( )
Product Month :	May . 11, 1999	Serial No. (~ from)	

Published by H. C. Kim / A. Manager of TV Div. Service (Tel. no. : 82-331-200-5332)

¡á *Distribution List and Remarks*

99-CTV-E0011

No.	Subsidiary Distributor	Country	Applicable Models or Remark
1	SEA	U.S.A	All K15A Models
2	SEMAX	Mexico	
3	SECA	Canada	
4	SEASA	Argentina	
5	SEM	Mexico	
6	RCL	Chile	
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SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	TV	Bulletin No. :	99-CTV-E0012
Model :	K15A	Bulletin Date :	May . 29 , 1999
Buyer :	SAMEX, SEA, SECA, SEASA etc.	ECN Date :	May . 29 , 1999

SUBJECT : K15A (TA1282N, Toshiba), Crystal Changed

Background :

(Symptom)

Cause :

V E (Value Engineering) - Reducing the unit cost

Solution :

Crystal modified the matrials as belows :

Application Date : May . 29 , 1999

(Interchangeability Code : * I.C)

Location No.	OLD (before) Parts		NEW (changed) Parts		*
	SEC Code	Description	SEC Code	Description	I.C
	2801-000226	3.579545Mhz, KONY	2801-003725	3.579545Mhz, Harmony	D

Type	A type	B type	C type	D type	E type	F type
Interchange Type Code (* I.C)	OLD (Parts) NEW → Early (Prod.) Late	OLD (Parts) NEW → Early (Prod.) Late	OLD (Parts) NEW → Early (Prod.) Late	OLD (Parts) NEW → Early (Prod.) Late	Addition (None ¡æ New)	deletion (Old ¡æ Del.)

Application Reference (O) Only Defected sets ( ) Whole sets ( )

Attachment Schematic Diagram ( ) Component Lay-out ( ) Exploded View ( )
Mechanical Diagram ( ) None (0) Others ( )

Product Month : May . 11, 1999 Serial No. (~ from)

Published by H. C. Kim / A. Manager of TV Div. Service (Tel. no. : 82-331-200-5332)

¡á Distribution List and Remarks

99-CTV-E0012

No.	Subsidiary Distributor	Country	Applicable Models or Remark
1	SEA	U.S.A	
2	SEMAX	Mexico	
3	SECA	Canada	
4	SEASA	Argentina	
5	SEM	Mexico	
6	RCL	Chile	
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SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	TV	Bulletin No. :	99-CTV-E0013
Model :	S15A	Bulletin Date :	May . 29 , 1999
Buyer :	SE H, ECS, TSE, TTSEC etc..	ECN Date :	May . 29 , 1999

SUBJECT : S15A (Philips TTX Micom IC), Crystal Changed

Background :

(Symptom)

Cause :

V E (Value Engineering) - Reducing the unit cost

Solution :

Crystal modified the matrials as belows :

Application Date : May . 29 , 1999

(Interchangeability Code : * I.C)

Location No.	OLD (before) Parts		NEW (changed) Parts		* I.C
	SEC Code	Description	SEC Code	Description	
	2801-001476	12MHz, KONY	2801-003727	12MHz, Harmony	D

Type	A type	B type	C type	D type	E type	F type
Interchange Type Code (* I.C)	OLD (Parts) NEW / Early (Prod.) Late	OLD (Parts) NEW / Early (Prod.) Late	OLD (Parts) NEW / Early (Prod.) Late	OLD (Parts) NEW / Early (Prod.) Late	Addition (None ¡æ New)	deletion (Old ¡æ Del.)

Application Reference (O) Only Defected sets ( ) Whole sets ( )

Attachment Schematic Diagram ( ) Component Lay-out ( ) Exploded View ( )
Mechanical Diagram ( ) None (0) Others ( )

Product Month : May . 11, 1999 Serial No. (~ from)

Published by H. C. Kim / A. Manager of TV Div. Service (Tel. no. : 82-331-200-5332)

¡á Distribution List and Remarks

99-CTV-E0013

No.	Subsidiary Distributor	Country	Applicable Models or Remark
1	SE H	Hungary	
2	ECS	U.K	
3	TSE	Thai	
4	TTSEC	China	
5	SIEL	India	
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SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	TV	**Bulletin No. :**	99-CTV-E0016
Model :	S15A	**Bulletin Date :**	July . 7, 1999
Buyer :	GCS, SGE	**ECN Date :**	July . 7, 1999

SUBJECT : S15A, Countermesure Micom Problem

Background :

(Symptom) No RF out on receiving the video signal.

Cause :

Micom Error

Solution :

Micom changes as below

Application Date : July . 7 , 1999

(Interchangeability Code : * **I.C**)

Location No.	**OLD** (before) Parts		**NEW** (changed) Parts		* **I.C**
	SEC Code	Description	SEC Code	Description	
IC901	AA13-30021V	SZM-173EA1	AA13-30019W	SZM-173EA	E

Type	**A** type	**B** type	**C** type	**D** type	**E** type	**F** type
Interchange Type Code (* I.C)	OLD → Early, (Parts) × (Prod.), NEW → Late	OLD → Early, (Parts) → (Prod.), NEW → Late	OLD Early, (Parts) (Prod.), NEW → Late	OLD → Early, (Parts) (Prod.), NEW → Late	Addition (None ¡æ New)	deletion (Old ¡æ Del.)

Application Reference ( ) Only Defected sets (O) Whole sets ( )

Attachment Schematic Diagram ( ) Component Lay-out ( ) Exploded View ( )
Mechanical Diagram ( ) None (O) Others ( )

Product Month : July . 7, 1999 **Serial No.** (~ from)

Published by H. C. Kim / A. Manager of TV Div. Service (Tel. no. : 82-331-200-5332)

¡á Distribution List and Remarks

No.	Subsidiary Distributor	Country	Applicable Models or Remark
1	GCS	UAE	
2	SGE	UAE	
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SAMSUNG ELECTRONICS

SERVICE BULLETIN

Product :	CTV	**Bulletin No. :**	99-CTV-E0022
Model :	S15A Chassis	**Bulletin Date :**	Nov . 4, 1999
Buyer :	ECS GCS etc..	**ECN Date :**	Nov . 4, 1999

SUBJECT : S15A Chassis, Countermeasure for ' No Power '

Background :

(Symptom) It is occurred ' No Power ' problem on S15A chassis model.

Cause :

Surge flow into VCC terminal.

Solution :

R&D dept. has modified the circuit changing as belows.

Application Date : Nov . 4, 1999

(Interchangeability Code : * **I.C**)

Location No.	**OLD** (before) Parts		**NEW** (changed) Parts		* **I.C**
	SEC Code	Description	SEC Code	Description	
	between Power IC #3 and Ground		0403-000555	30V, 0.5W	E

Type	**A** type	**B** type	**C** type	**D** type	**E** type	**F** type
Interchange Type Code (* I.C)	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	OLD (Parts) → Early (Prod.) / NEW → Late	Addition (None ¡æ New)	deletion (Old ¡æ Del.)

Application Reference ( ) Only Defected sets (O) Whole sets ( )

Attachment Schematic Diagram (O) Component Lay-out ( ) Exploded View ( )
Mechanical Diagram ( ) None ( ) Others ( )

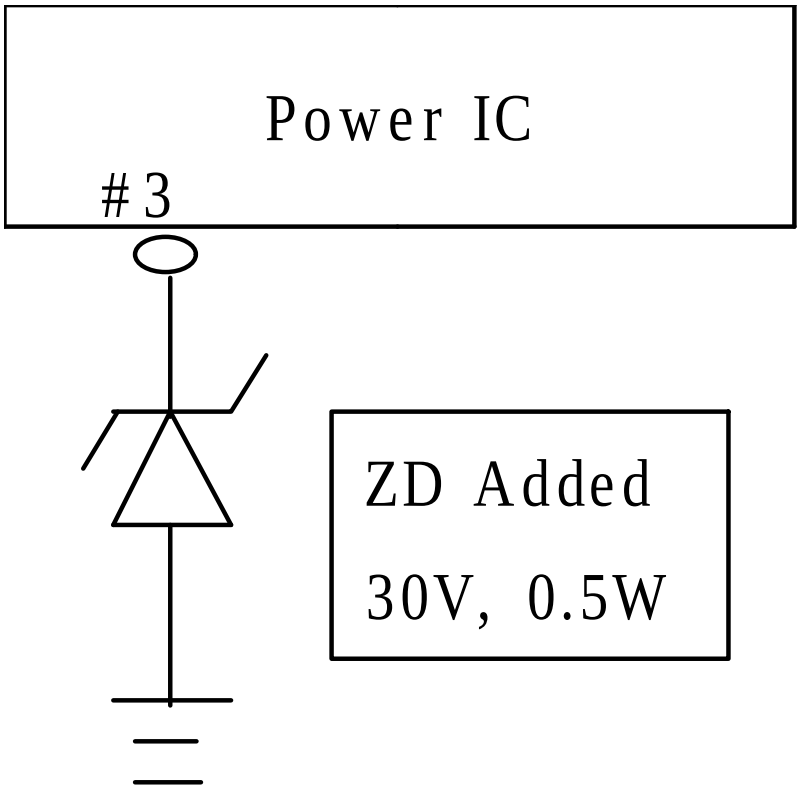
Product Month : **Serial No.** (~ from)

Published by H. C. Kim / A. Manager of TV Div. Service (Tel. no. : 82-331-200-5170)

¡á Additional Information

99-CTV-E0022

* How to put the parts soldering at Bottom PCB



¡á Distribution List and Remarks

No.	Subsidiary Distributor	Country	Applicable Models or Remark
1	ECS	U.K	
2	GCS	U.A.E	
3	SEUK	U.K	**S15A Chassis Model**
4	SEF	France	
5	SEI	Italy	
6	SEG	Germany	
7	SESA	Spain	
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